

1147-32-799

Jiri Lebl* (lebl@okstate.edu) and **Bernhard Lamel**. *Averaging Functions over Segre Varieties.*

For n -dimensional real singular subvarieties in \mathbb{C}^n that are Segre non-degenerate, we introduce an operator averaging functions over Segre varieties. The operator reproduces holomorphic functions and captures all biholomorphic invariants of the subvariety. (Received January 28, 2019)